

WELLS-NEXT-THE-SEA  
URBAN DISTRICT COUNCIL

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ANNUAL REPORT  
of the  
MEDICAL OFFICER OF HEALTH  
for the year 1948  
to which is appended the

REPORT OF THE SANITARY INSPECTOR.

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STAFF

Medical Officer Of Health.

J.C.JOHNSTON, M.B., B.Ch., D.P.H.

Sanitary Inspector and Surveyor.

F. RODWELL, M.R.S.I., H.S.A.I.

Clerk to Medical Officer of Health.

D.HUNN to(5.7.48)

Local Health Office,  
Friends Hall,  
Church Street,  
Wells,  
Nfks.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR  
ENDING 31st. DECEMBER, 1948

Introduction.

Mr. Chairman and Gentlemen,

I have pleasure in submitting herewith my Annual Report for the Year ended 31st. December, 1948. I am sorry that owing to the fact that the position of the Medical Officer of Health's Clerk is not yet settled, the report has had to be held up, although this year I am producing the Registrar-General's corrected statistics in my report.

In order to economise in the cost of producing the report I have not included the section of Medical Services this year as there is little or no change from last year.

I wish to express my appreciation of the support given by the Public Health Committee in carrying out my duties during the year. I wish also, to thank the Clerk for his support, and the Sanitary Inspector for his continual support and loyalty.

In conclusion, may I say this has been a year of many administrative changes. I am also pleased to report that the health of the community in the Wells U.D.C. continues to be generally satisfactory.

I have the honour to be,  
Your obedient servant,

J.C. JOHNSTON.

Medical Officer of Health.

To the Chairman & Members  
of the Wells next-the-Sea, Urban District  
Council.

# INDEX.

|              |       |
|--------------|-------|
| Staff        | Page. |
| Introduction | 1     |
|              | 2     |

## PART 1. General Report of the Medical Officer of Health.

|            |                                  |   |
|------------|----------------------------------|---|
| Section 1. | Staff                            | 4 |
| " 2.       | Infectious & Contagious Diseases | 4 |
| " 3.       | Cancer                           | 4 |
| " 4.       | Diphtheria Immunisation Scheme   | 4 |
| " 5.       | Housing                          | 4 |
| " 6.       | Water                            | 4 |
| " 7.       | Sewerage                         | 5 |
| " 8.       | Factories Act                    | 5 |
| " 9.       | National Health Act              | 5 |
| " 10.      | Ice Cream                        | 5 |
| " 11.      | Shell Fish                       | 5 |
| " 12.      | Slaughterhouses                  | 6 |
| " 13.      | Port Health                      | 6 |
| " 14.      | Accidents in the Home            | 6 |
| " 15.      | Disinfection and Disinfestation  | 6 |

## PART 11. Medical Statistics.

|            |                                            |    |
|------------|--------------------------------------------|----|
| Section 1. | General Statistics                         | 7  |
| " 2.       | Live Births                                | 7  |
| " 3.       | Still Births                               | 7  |
| " 4.       | Deaths (All Ages)                          | 7  |
| " 5.       | Infant Mortality                           | 7  |
| " 6.       | Cause of death of infant under 1 year      | 7  |
| " 7.       | Causes of Total deaths                     | 7  |
| " 8.       | Deaths according to ages                   | 8  |
| " 9.       | Cancer                                     | 8  |
| " 10.      | Summary of Vital Statistics                | 8  |
| " 11.      | Summary of Births and Deaths Rates.        | 8  |
| " 12.      | Births and Deaths and Analysis             | 9  |
| " 13.      | Infectious Diseases                        | 10 |
| " 14.      | Tuberculosis (New cases 1948)              | 10 |
| " 15.      | Tuberculosis (Number of cases on Register) | 10 |
| " 16.      | Tuberculosis (New cases for last 5 years)  | 10 |
| " 17.      | Diphtheria immunisation Scheme             | 10 |

## PART 111. Report of Sanitary Inspector

|            |                                           |       |
|------------|-------------------------------------------|-------|
| Section 1. | Inspections                               | 11    |
| " 2.       | Statutory Notices                         | 11    |
| " 3.       | Undertakings under Section 11 Housing Act | 11    |
| " 4.       | Food Inspection                           | 11&12 |
| " 5.       | Water                                     | 13    |
| " 6.       | Mosquito Control                          | 13    |
| " 7.       | Scavenging                                | 13    |
| " 8.       | Port Sanitary                             | 13    |



(Part 1.)

(General Report of the Medical Officer of Health).

(1) STAFF. On the 5th July, 1948, the clerk to the Medical Officer of Health transferred to the staff of the County Council and moved to the Local Health Office, Wells, where he continues to carry out the same duties.

(2) INFECTIOUS AND CONTAGIOUS DISEASE.

Tuberculosis. There were 3 new cases notified during the year as compared with 5 in 1947.

The number of cases remaining on the Register at the end of the year is 9 Pulmonary Cases and 3 Non-Pulmonary Cases as compared with 12 Pulmonary Cases and 5 Non-Pulmonary Cases in 1947.

(3) CANCER. The incidence of deaths from Cancer during the year was 8 as compared with 5 in 1947.

(4) DIPHTHERIA IMMUNISATION SCHEME. On 5th July, 1948 when the National Health Scheme came into force this responsibility was transferred from the District Councils to the County Council. At the time of handing over this scheme the Council had reached the following standards:-

96% School Children and 63% Pre-School Children as compared with 93% School Children and 50% Pre-School Children in 1947.

11 School Children and 36 Pre-School Children were initially immunised during the first half of the year and 64 School Children re-immunised.

I would like to thank the General Practitioners, District Nurse and School Teachers for the great help they have given this Council whilst carrying out these duties. I feel that the Council has every reason to be proud of the standard of immunisation. I am satisfied we have handed over to the County Council an extremely efficient scheme, which has maintained a good standard of immunisation for several years. I only hope this level will be maintained when it becomes part of a larger scheme in the County.

(5). HOUSING. During the year the scheme of medical recommendation to the Council has continued and I have been present at all the allocation Committee meetings to advise on these reports. This year great steps have been made in reducing the medical cases requiring rehousing and in fact there are very few serious cases outstanding.

During the year 43 cases have been reported to the Public Health and Housing Committees by this Department as being in need of rehousing and 39 have been rehoused. In all the Council has selected 69 tenants.

During the year all Informal Repair Notices sent out were complied with and no Statutory Notices were served. Seven undertakings not to relet were accepted.

(6) WATER. The mains supply continues to be satisfactory in quality. The sample was taken at the by-pass from the Softening Plant. This shows the efficiency of the Plant but does not present the actual hardness of water supplied to the consumers as the Plant cannot deal with the volume of water used. The hardness of mains water is 21.5° and in actual fact the consumer is getting water with 18.° of hardness.

(7) SEWERAGE. I am pleased to report the Council have been informed by the Ministry of Health that approval has been given for the Wells Sewerage Scheme. This will be of great benefit to the town.

(8) FACTORIES ACT. During the year the Sanitary Inspector has been compiling a register of premises coming under the Factories Act, Shops Act, and Food & Drugs Act. It is hoped in view of this, that it will be possible to do more work under these Acts.

During the year 33 inspections were made, one defect was found and remedied.

There are no cases under Part 8 of the Factories Act (outworkers).

(9) NATIONAL HEALTH ACT. The National Health Service Act, 1946 came into force in July, 1948. It has affected the District Council on several points. The cancellation of section 177 of the Public Health Act, under which the council has supplied Drugs and Dressings etc, to necessitous cases, has also cut the authority under which the District Council purchases Diphtheria Anti-Toxin. This last point is the more important, as it means the Council is still responsible for the control of this Infectious Disease but is now unable to purchase drugs to cover that control.

The Diphtheria Immunisation Scheme as a whole, has been transferred to Local Health Authorities, as mentioned in my previous remarks. This Act has also brought about the decentralisation of the day to day administration of the County Council Health Services, and in order to facilitate this administration, my Office has moved to the Local Health Office, Friends Hall, Wells. I believe that this system will be of benefit to both authorities and to the public.

(10) ICE CREAM. Whilst I was at the Royal Sanitary Institute Health Congress, several matters arose regarding the control of Ice Cream, and since that time the Sanitary Inspector has been having a drive in an endeavour to improve the premises of persons making and selling ice cream especially mobile vehicles. It is too early to say what results this drive will bring.

(11) SHELLFISH. During the year a considerable amount of work has been done by this department in investigating the Shell Fish problem.

The position is still very unsatisfactory, and on 17th November, I advised the Public Health Committee that I was not at all satisfied with the efficacy of the proposed Eastern Sea Fisheries Joint Committee Scheme, and I advised them to set up a Joint Committee to investigate the Mussel problem along the Norfolk Coastal Area. This was established and representatives were invited by Docking R.D.C. from this Council, Walsingham R.D.C., Hunstanton U.D.C. Norfolk County Council, and the Eastern Sea Fisheries Joint Committee. All these authorities nominated a representative except the Norfolk County Council who asked me to keep them informed.

This Committee is to meet for the first time on January 3rd, 1949 and it is hoped that it will be possible to find a solution to this problem. I would like to state here how very helpful Mr. R. Taylor, Clerk and Chief Fisheries Officer of the Eastern Sea Fisheries Joint Committee has been in all these investigations despite the fact that we often disagreed on points of policy.

(12) SLAUGHTER-HOUSES. All the works requested last year have been carried out, and no complaints have been received regarding these premises during the year.

(13) PORT HEALTH There have been no statutory duties necessary in the Port of Wells during the year.

(14) ACCIDENTS IN THE HOME. Following my attendance at a course held by the Royal Society for the Prevention of Accidents in London during October, I recommended to the Committee that a Local Voluntary Home Safety Committee should be set up. This the process of being carried out.

(15) DISINFECTION AND DISINFESTATION. During the year the Council purchased a portable Bacterol Disinfector on the joint user basis with Walsingham and Docking R.D.C.s. I think this should provide sufficient cleansing facilities to cope with any epidemic arising in this area.

PART 11

(Medical Statistics)

TABLE 1 GENERAL STATISTICS.

|                                      |          |
|--------------------------------------|----------|
| Area (in acres).....                 | 2670     |
| Estimated Resident Population.....   | 2464     |
| Ratable Value.....                   | \$11,525 |
| Sum represented by a Penny Rate..... | \$43     |

TABLE 2 LIVE BIRTHS.

|                   | Males. | Females. | Total. |
|-------------------|--------|----------|--------|
| Legitimate.....   | 15     | 21       | 36     |
| Illegitimate..... | 3      | -        | 3      |
| Total.....        | 18     | 21       | 39     |

Live Birth Rate per 1,000 of  
estimated Resident Population..... 15.8

TABLE 3 STILL BIRTHS.

|                   | Males | Females. | Total. |
|-------------------|-------|----------|--------|
| Legitimate.....   | 1     | -        | 1      |
| Illegitimate..... | -     | -        | -      |
| Total.....        | 1     | -        | 1      |

Still Birth Rate per 1,000 of  
estimated Resident Population..... 0.4

TABLE 4 DEATHS (All ages)

| Males. | Females. | Total. |
|--------|----------|--------|
| 18     | 16       | 34     |

Crude Death Rate per 1,000 of  
estimated Resident Population.....13.4

TABLE 5 INFANT MORTALITY. (Deaths of Infants under 1 year)

|                   | Males. | Females. | Total. |
|-------------------|--------|----------|--------|
| Legitimate.....   | 1      | -        | 1      |
| Illegitimate..... | -      | -        | -      |
| Total.....        | 1      | -        | 1      |

Infant Mortality per 1,000 live births.. 25.6

TABLE 6 CAUSE OF DEATH OF INFANT UNDER 1 YEAR.

| <u>Sex.</u> | <u>Age.</u> | <u>Cause of Death.</u> |
|-------------|-------------|------------------------|
| M           | 1 month.    | Syphilitic diseases.   |

TABLE 7 CAUSES OF TOTAL DEATHS.

|                                     | Males | Females. | Total |
|-------------------------------------|-------|----------|-------|
| 3. Syphilitic diseases.....         | 1     | -        | 1     |
| 14. Cancer of stomach & duodenum... | 2     | 1        | 3     |
| 16. Cancer of all other sites.....  | 2     | 3        | 5     |
| 18. Intracranial Vascular lesions.. | 5     | 1        | 6     |
| 19. Heart diseases.....             | 4     | 7        | 11    |
| 20. Other dis: of circ. system..... | 1     | -        | 1     |
| 21. Bronchitis .....                | 1     | 1        | 2     |
| 22. Pneumonia.....                  | -     | 1        | 1     |
| 27. Other digestive disorders.....  | -     | 1        | 1     |
| 28. Nephritis.....                  | 1     | -        | 1     |
| 36. All other causes.....           | 1     | 1        | 2     |
| Total.....                          | 18    | 16       | 34    |

TABLE 8 DEATHS ACCORDING TO AGES.

| Age Group.                         | Males. | Females. | Total |
|------------------------------------|--------|----------|-------|
| Under 1 Year.....                  | 1      | -        | 1     |
| 1 and under 40.....                | -      | -        | -     |
| 40 " " 50.....                     | -      | 2        | 2     |
| 50 " " 60.....                     | 1      | -        | 1     |
| 60 " " 70.....                     | -      | 2        | 2     |
| 70 " " 80.....                     | 10     | 8        | 18    |
| 80 " " 90.....                     | 4      | 5        | 9     |
| 90 " " 100.....                    | 3      | -        | 3     |
| All ages.....                      | 19     | 17       | 36    |
| Outward Transfers<br>(deduct)..... | 1      | 1        | 2     |
| Total.....                         | 18     | 16       | 34    |

TABLE 9 CANCER.

The following table shows the incidence of Cancer deaths during the past 5 years:-

|              | 1944 | 1945. | 1946. | 1947. | 1948. |
|--------------|------|-------|-------|-------|-------|
| Males.....   | 5    | 3     | 1     | 2     | 4     |
| Females..... | 2    | 2     | 4     | 3     | 4     |
| Total.....   | 7    | 5     | 5     | 5     | 8     |

TABLE 10 SUMMARY OF VITAL STATISTICS.

|                   | 1944.. | 1945.. | 1946. | 1947. | 1948.     |
|-------------------|--------|--------|-------|-------|-----------|
| Population.....   | 2287   | 2283.  | 2670. | 2862. | 2464..... |
| Live Births.....  | 48     | 34     | 52    | 48    | 59        |
| Still Births..... | 3      | -      | 4     | 2     | 1         |
| Deaths.....       | 31     | 36     | 40    | 27    | 34        |
| Infant Mortality. | 1      | 1      | 2     | 2     | 1         |

TABLE 11 SUMMARY OF BIRTHS &amp; DEATHS RATES.

|                   | 1944.. | 1945. | 1946. | 1947. | 1948. |
|-------------------|--------|-------|-------|-------|-------|
| Live Births ..... | 20.99  | 14.9  | 21.8  | 15.6  | 15.8  |
| Still Births..... | 1.31   | Nil   | 1.68  | 0.81  | 0.4   |
| Crude Deaths..... | 13.6   | 15.7  | 16.8  | 11.08 | 13.9  |
| Infant Mortality. | 20.8   | 26.3  | 38.5  | 11.67 | 25.6  |

TABLE 12. BIRTH RATES, CIVILIAN DEATH RATES, ANALYSIS OF MORTALITY MATERNAL MORTALITY AND CASE RATIO FOR CERTAIN INFECTIOUS DISEASES IN THE YEAR 1948. PROVISIONAL FIGURES BASED ON QUARTERLY RETURNS

England ..... 126 ..... 148 ..... Wells  
& County ..... Smaller Urban  
Wales ..... Boro's ..... Towns District.  
..... & (Resident  
..... Great Populations  
..... Towns 25,000 to  
..... including 50,000 at  
..... London, 1931 Census)

Rates per 1,000 Population.

Births:

|            |      |      |      |      |
|------------|------|------|------|------|
| Live.....  | 17.9 | 20.0 | 19.2 | 15.8 |
| Still..... | 0.42 | 0.52 | 1.43 | 0.4  |

Deaths:

|                                                 |      |      |      |      |
|-------------------------------------------------|------|------|------|------|
| All Causes.....                                 | 10.8 | 11.6 | 10.7 | 13.4 |
| Typhoid & Paratyphoid....                       | 0.00 | 0.00 | 0.00 | 0.00 |
| Whooping Cough.....                             | 0.02 | 0.02 | 0.02 | 0.00 |
| Diphtheria.....                                 | 0.00 | 0.00 | 0.00 | 0.00 |
| Tuberculosis.....                               | 0.51 | 0.59 | 0.46 | 0.00 |
| Influenza.....                                  | 0.03 | 0.03 | 0.04 | 0.00 |
| Acute Poliomyelitis<br>& Polioencephalitis..... | 0.01 | 0.01 | 0.01 | 0.00 |
| Pneumonia.....                                  | 0.41 | 0.38 | 0.36 | 0.41 |

Notifications:

|                           |      |      |      |      |
|---------------------------|------|------|------|------|
| Typhoid fever.....        | 0.01 | 0.00 | 0.01 | 0.00 |
| Paratyphoid fever.....    | 0.01 | 0.01 | 0.01 | 0.00 |
| Cerebro-spinal fever..... | 0.03 | 0.03 | 0.02 | 0.00 |
| Scarlet fever.....        | 1.73 | 1.90 | 1.82 | 0.00 |
| Whooping Cough.....       | 3.12 | 3.51 | 3.31 | 0.41 |
| Diphtheria.....           | 0.08 | 0.10 | 0.09 | 0.41 |
| Erysipelas.....           | 0.21 | 0.23 | 0.21 | 0.00 |
| Measles.....              | 9.34 | 9.75 | 8.81 | 0.81 |
| Pneumonia.....            | 0.73 | 0.34 | 0.60 | 0.00 |
| Ac. Poliomyelitis.....    | 0.04 | 0.05 | 0.04 | 0.00 |

Rates per 1,000 Live Births

Deaths:

|                                                |     |     |     |     |
|------------------------------------------------|-----|-----|-----|-----|
| All causes under 1<br>year of age.....         | 34  | 39  | 32  | 26  |
| Enteritis & Diarrhoea<br>under 2 years of age. | 3.3 | 4.5 | 2.1 | 0.0 |

Rates per 1,000 Total Births.

Notifications:

|                                     |      |      |      |     |
|-------------------------------------|------|------|------|-----|
| Puerperal fever<br>and pyrexia..... | 6.89 | 3.90 | 4.71 | 0.0 |
|-------------------------------------|------|------|------|-----|

TABLE 13. INFECTIOUS DISEASES (Other than Tuberculosis)

(a) Diphtheria - one case notified - Female aged 33 years.

(b) Measles and Whooping Cough.

|                     | 1944. | 1945. | 1946. | 1947. | 1948. |
|---------------------|-------|-------|-------|-------|-------|
| Measles.....        | 2     | -     | 6     | -     | 2     |
| Whooping Cough..... | 12    | -     | -     | 6     | 1     |

(c) Janudice - three cases notified during the year.

TABLE 14. TUBERCULOSIS. (New cases 1948)

| Age Period  | Respiratory |   | Non-Respiratory. |   |
|-------------|-------------|---|------------------|---|
|             | M           | F | M                | F |
| 0-15        | 2           | - | -                | - |
| 15-25       | 1           | - | -                | - |
| 25 and over | -           | - | -                | - |
| Total       | 3           | - | -                | - |

TABLE 15. TUBERCULOSIS. (Number of cases on Register end of 1948.)

|                 | Males.. | Females.. | Total |
|-----------------|---------|-----------|-------|
| Pulmonary.....  | 4       | 5         | 9     |
| Non-pulmonary.. | 4       | 4         | 8     |
| Total.....      | 8       | 9         | 17    |

TABLE 16. TUBERCULOSIS. (New cases for last 5 years)

|                       | 1944. | 1945. | 1946. | 1947. | 1948. |
|-----------------------|-------|-------|-------|-------|-------|
| Pulmonary..... M.     | 1     | 1     | 1     | 2     | 3     |
| F.                    | 1     | -     | 1     | 3     | -     |
| Non-Pulmonary..... M. | -     | -     | 1     | -     | -     |
| F.                    | -     | 2     | 2     | -     | -     |
| Total.....            | 2     | 3     | 5     | 5     | 3     |

TABLE 17. DIPHTHERIA IMMUNISATION SCHEME.

The following table shows the immunisation state of the children in Wells at 31st. December, 1948:-

|                           | Under School Age. | School Age. | Total |
|---------------------------|-------------------|-------------|-------|
| Numbers Immunised.....    | 152               | 291         | 443   |
| Estimated Population..... | 224               | 302         | 526   |
| Percentage Immunised..... | 68%               | 96%         | 84%   |
| Numbers Reinforced.....   | -                 | 250         | 250   |

To.

The Chairman and Members of the Wells-next-The-Sea Urban District Council.

Mr. Chairman and Gentlemen,

I beg to submit to you my Annual Report for the year ending 31st. December 1948.

1. INSPECTIONS.

The number of inspections carried out in connection with Public Health work during the year are as follows:—

| <u>NATURE OF INSPECTION.</u>                               | <u>NO. OF VISITS.</u> |
|------------------------------------------------------------|-----------------------|
| Housing Survey                                             | 93                    |
| Housing for repairs, overcrowding, nuisances, etc.         | 115                   |
| Inspections re drainage, water supplies and new buildings. | 85                    |
| Slaughterhouses.                                           | 237                   |
| Shops and Dairies.                                         | 21                    |
| Bakehouses, etc.                                           | 19                    |
| Miscellaneous. Inspections and visits.                     | 118                   |
| Verminous premises.                                        | 1                     |
| Total Inspections.                                         | <u>589</u>            |

In addition to the above inspections, part of the district containing 155 houses, and 19.05 acres in area was surveyed for a proposed Re-development area and preliminary plans prepared also a preliminary survey of the whole of the conversions and reconnection necessary for the proposed Sewage Scheme.

2. STATUTORY NOTICES.

No statutory notices were served requiring repairs to property during the year, all repairs to property being carried out to a schedule of works necessary being prepared and submitted to the owners.

3. UNDERTAKINGS UNDER SECTION 11 HOUSING ACT, 1936.

Undertakings were received from the owners with respect to seven houses not to re-let them for human habitation, and three demolition orders were made with respect to unfit houses. The tenants were rehoused on the Northfield Estate.

4. FOOD INSPECTION.

Slaughtering of animals has been confined to the slaughterhouse at Newgate Lane. The slaughterhouse at Marsh Lane is now used as a distribution centre for imported meat. During the year the interior and exterior of all buildings adjoining the slaughterhouse were sprayed with D.D.T. solution to kill flies attracted by the smell of the slaughtering.

The following are details of slaughtering and number of carcasses inspected during the year.

Cattle  
excluding

| <u>No.</u>                 | <u>Cows</u> | <u>Cows</u> | <u>Calves</u> | <u>Sheep &amp; Lambs</u> | <u>Pigs.</u> | <u>Total</u> |
|----------------------------|-------------|-------------|---------------|--------------------------|--------------|--------------|
| Killed.                    | 715         | 132         | 203           | 1934                     | 126          | 3115         |
| Inspected.                 | 677         |             | 104           | 1643                     | 126          | 2555         |
| All diseases except T.B.   |             |             |               |                          |              |              |
| whole Carcasses condemned. | 16          |             | 1             | 12                       | 4            | 33           |

- continued.

|                                                    |     |   |   |    |     |
|----------------------------------------------------|-----|---|---|----|-----|
| Carcases of which some part or organ was condemned | 175 | 2 | 8 | 12 | 197 |
|----------------------------------------------------|-----|---|---|----|-----|

|                                                       |     |    |    |     |    |
|-------------------------------------------------------|-----|----|----|-----|----|
| % of No affected with disease other than T.B.         | 28% | 3% | 1% | 12% | 8% |
| T.B. only                                             |     |    |    |     |    |
| whole carcasses condemned.                            | 6   | -  | -  | 1   | 7  |
| Carcases of which some part or organ was condemned.   | 52  | 4  | -  | 2   | 54 |
| Percentage of the number inspected affected with T.B. | 8%  | -  | -  | 2   |    |

The following are details of carcasses and parts condemned:-

### CATTLE

|                     |      |      |                  |
|---------------------|------|------|------------------|
| <u>TUBERCULOSIS</u> |      |      |                  |
| 6 carcasses         | 3220 | lbs. | <u>TOTAL.</u>    |
| Part carcasses      | 678  | "    |                  |
| 25 Heads & tongues  | 72   | "    |                  |
| 10 Livers           | 121  | "    |                  |
| 32 sets lungs.      | 361  |      | <u>5172 lbs.</u> |

### OTHER DISEASES.

|                  |         |      |      |                   |
|------------------|---------|------|------|-------------------|
| Fevered          | 1 carc. | 439  | lbs. |                   |
| Septicaemia      | 7 "     | 3802 | "    |                   |
| Uræmia or Dropsy | 3 "     | 2014 | "    |                   |
| Peritonitis      | 3 "     | 1645 | "    |                   |
|                  | 1 "     | 757  | "    |                   |
| Pericarditis     | 1 "     | 655  | "    |                   |
|                  |         | 9312 |      |                   |
| Parts            |         | 2765 |      | <u>12075 Lbs.</u> |

### CALVES

|            |     |      |                 |
|------------|-----|------|-----------------|
| 1 Carc se. | 150 | lbs. |                 |
| Parts      | 18  | "    | <u>168 Lbs.</u> |

### SHEEP

|              |     |      |                 |
|--------------|-----|------|-----------------|
| 12 Carcasses | 565 | lbs. |                 |
| Parts        | 17  | "    | <u>682 lbs.</u> |

### PIGS

|                     |     |      |                 |
|---------------------|-----|------|-----------------|
| <u>TUBERCULOSES</u> |     |      |                 |
| 1 Carcass           | 250 | lbs. |                 |
| Parts               | 66  | "    | <u>316 lbs.</u> |

### OTHER DISEASES

|             |     |      |                 |
|-------------|-----|------|-----------------|
| 4 Carcasses | 546 | lbs. |                 |
| Parts       | 124 | "    | <u>670 lbs.</u> |

TOTAL WEIGHT OF FRESH MEAT  
CONDEMNED - 19085 lbs.

### CANNED FOODS, ETC.

The following were condemned at various shops:-

|             |             |     |
|-------------|-------------|-----|
| Bacon       | 24          | lbs |
| Tinned Meat | 46½         | "   |
| Eggs        | 40          | "   |
|             | <u>110½</u> | "   |

|           |      |                        |
|-----------|------|------------------------|
| 12        | tins | fruit.                 |
| 20        | "    | Milk                   |
| 29        | "    | vegetables             |
| 6         | "    | Jam                    |
| 8         | "    | Steak & Luncheon meat. |
| 12        | "    | Fish.                  |
| 2         | "    | Soup                   |
| 6         |      | Jars Pickles.          |
| <u>95</u> |      |                        |

During the year 7 samples of ice-cream and 5 samples of water were submitted for examination to the Public Health Laboratory, Norwich.

5. WATER SUPPLY

The consumption during the year was 17,237,000 gallons. This is an increase of 3,206,000 gallons over 1947. This increase is mainly due to the occupation of the new houses which have baths and water closets.

The following is a copy of the last Certificate of Analysis of Water.

|                         |        |
|-------------------------|--------|
| Free and Saline ammonia | 0.0007 |
| Albuminoid ammonia.     | 0.0007 |
| Combined Chlorine.      | 13.0   |
| Nitrogen as Nitrates.   | 0.85   |
| Nitrates.               | Nil.   |
| Hardness(total)         | 0.0    |

Opinion:-

This water is of exceptional organic purity, free from any sign of pollution and quite fit for drinking purposes. Its hardness, however, appears to be practically nil, and I presume that the water has been softened. It is unusual for a public supply to be distributed with practically no hardness.

6. MOSQUITO CONTROL.

During the early summer an extensive survey of the marshes between the town and beach was carried out to locate the breeding place of the mosquitoes which in 1947 were a source of nuisance to the visitors on the beach and a breeding point was discovered in a small pit on a marsh at the rear of the pinewoods. The surface of the water was treated with oil and the rushes and grass adjoining sprayed at fortnightly intervals with D.D.T. solution.

7. SCAVENGING.

During the year the Council decided to purchase a motor vehicle for refuse and highroad collection, and this was secured during the last week of the year.

8. PORT SANITARY.

During the year only three boats with total tonnage of 374 Nett Register entered the port with barley, ex London, and all three left the port in Ballast.

No mussel labels were issued during the year,

I have the honour to be,

Your obedient servant,

F. Rodwell.

Surveyor and Sanitary Inspector.



